

In the Specification:

Replace the paragraph beginning at page 9, line 13 with the following paragraph:

B1
5 As shown in FIGS. 15 and 16, the extension guide 240 includes lower holes 246 and upper holes 248. The holes 246L and 248L located to the left of a plane P that is a perpendicular bisector of the extension guide 240 are mirror images of the holes 246R and 248R located to the right of the plane P. The first set of lower holes 246 that have an orientation with respect to each other that corresponds to the orientation and spacing of mounting holes of the position measuring device, such as a linear encoder. Adjacent ones of the holes 246L and 246R are separated from one another by a constant distance, such as 1". In those cases where the position measuring device is inserted into a spar, the extension guide 240 also includes a second set of upper holes 248 that have an orientation with respect to each other that corresponds to the orientation and spacing of mounting holes of spars that can be used in conjunction with the linear encoder. Adjacent ones of the holes 248L and 248R are separated from one another by a constant distance, such as 5". Note that in the case of the central opening and the holes 246 and 248, they each have a longitudinal axis that extends perpendicular to the longitudinal direction of the extension guide 240. In addition, markings or indicia may be placed adjacent the holes 246 and 248 so that a user may readily identify which of the holes correspond with particular linear encoder or spar mounting holes.

Replace the paragraph beginning at page 12, line 1 with the following paragraph:

B2

Regarding the second situation where no extension guide 240 is attached to the base, if the linear encoder or spar has a length that is greater than the length of the longitudinal body 206, then the center hole 238C of the base 202 is positioned at the

5 center of travel and is marked. The base 202 is removed and the marked position is transfer punched. Next, the machine is moved in one direction in n number of 1" increments to find one of the mounting locations for a linear encoder that is the nth linear encoder longer than the linear encoder represented by the holes 236B. For example, if it is desired to mount a linear encoder that has mounting holes that are separated from one

10 another by a distance that is 4" greater than the separation distance between holes 236B, then the machine is moved 2" to the right of the punched position and the hole 238C of the base 202 is aligned with the punched position that moved with the machine. Next, the hole 236B to the right of hole 238C is marked. The base 202 is removed and the marked position is transfer punched. Next, the machine is moved to the left so as to end up 2" to

15 the left of the punched position of the center of travel. The hole 236B to the left of hole 238C is marked. The base 202 is removed and the mark position is transfer punched. Holes are then drilled at the three punched positions and mounting holes of the linear encoder are aligned with the drilled holes so that the linear encoder can be attached via screws inserted into the aligned holes.

Replace the paragraph beginning at page 12, line 22 with the following paragraph:

B3

Attachment of longer spars is done in a similar manner after the center of travel position has been marked and punched. For example, if it is desired to mount a spar that has a length that is 10" longer than the linear encoder mounted by holes 238A, then the machine is moved 5" to the right of the punched position and the hole 238A of the base 202 is aligned with the punched position that moved with the machine. Next, the hole 238A to the right of hole 238C is marked. The base 202 is removed and the marked position is transfer punched. Next, the machine is moved to the left so as to end 5" to the left of the punched position of the center of travel. The hole 236B to the left of hole 238A is marked. The base 202 is removed and the mark position is transfer punched. Holes are then drilled at the three punched positions and mounting holes of the spar are aligned with the drilled holes so that the spar can be attached via screws inserted into the aligned holes.

15 In the Claims:

B4
cont'd

25. (Amended) The method of claim 33, wherein said position measuring device comprises a linear encoder.